

CATHAY DEEP WELL DISPOSAL LLC
4901 Evans Ave.
Valparaiso, IN 46383



United States Environmental Protection Agency
WU - 16 - J
77 West Jackson Boulevard
Chicago, IL 60604-3590

Attn.: Director, UIC Branch, Direct Implementation

RE: Monthly Operating Report for Injection Wells
IN-127-11-C007
IN-127-11-C008

RECEIVED

MAY 11 2009

UIC BRANCH
EPA REGION 5

April 2009

Dear Sir/Madam:

Attached are the monthly operating reports for Cathay Deep Well Disposal LLC at Valparaiso, Indiana for the month of March 2009.

The annual mechanical integrity and reservoir testing was done in this month. Well C007 successfully passed MIT and also completed the reservoir test. Well C008 did not pass MIT. Well C008 annular space pressure loss appears to have started at the time it was pressurized for the test on 3/18/09. Well C008 was shut in on 3/12/09 in preparation for the reservoir test, and continues to be shut it. Annular space pressure on C008 continues to be maintained above the permitted limit.

No effluent limitations were exceeded. In addition to source 1 fluid generated by the Cathay facility, injected fluid consisted of sources itemized on Page 2.

Permit limits for annulus pressure, injection pressure and annulus tubing differential were not exceeded. There was no non-compliance, there were no unplanned events that triggered an alarm or automatic shut down device in this reporting period.

Annulus fluid levels are reported as percentage full in the storage tanks. Annulus fluid tabulation is in gallons. Temperatures are in degrees F.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Respectfully,

Charles Tuskan
Plant Manager
Cathay Deepwell disposal LLC

Prepared by: R. F. Trapp, IN class D #12652

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IN-127-1I-C007
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Source 09 -	70,950 gallons
Source 18 -	45,000 gallons
Source 25 -	30,000 gallons
Source 27 -	29,500 gallons
Source 42 -	27,554 gallons

Cathay Deepwell Disposal LLC
4901 Evans Avenue
Valparaiso, IN 46383

Permit No. IN127-11-C007
Outfall/ Fac. No. 001
Month/Year Mar-09

Day	Maximum Inject PSIG	Annulus Fluid Level	Minimum Annulus PSIG	Min dP	Injectate Temp Avg.	Spec. Gravity	Total Gallons	Run Hours	GPM AVG
1	175.6	51.9	401.0	226.3	65.5	1.0051	60,416	24.0	42.0
2	175.1	54.0	396.3	225.4	62.2	1.0067	60,736	24.0	42.2
3	267.9	53.7	411.3	225.7	62.1	1.0076	101,056	24.0	70.2
4	268.1	54.2	418.7	226.9	63.4	1.0060	84,736	24.0	58.8
5	277.3	54.5	463.0	241.5	67.8	1.0041	126,464	24.0	87.8
6	279.0	53.0	441.7	247.4	72.6	1.0038	91,968	24.0	63.9
7	330.1	43.3	215.6	225.0	73.1	1.0031	39,936	6.4	104.8
8	36.0	42.8	269.6	233.8	73.3	0.9998	11,520	24.0	8.0
9	347.0	53.2	246.6	225.4	73.0	1.0014	112,448	23.5	79.9
10	221.9	48.0	446.5	248.0	73.8	1.0061	93,376	24.0	64.8
11	174.9	45.5	394.2	237.1	77.5	1.0066	47,808	24.0	33.2
12	173.3	53.9	243.3	225.2	74.6	1.0058	53,632	23.9	37.4
13	205.3	53.8	422.0	225.6	73.7	1.0051	80,320	24.0	55.8
14	273.0	53.8	239.2	250.0	72.9	1.0047	86,423	24.0	60.0
15	209.0	54.0	441.1	234.4	73.5	1.0025	86,272	24.0	59.9
16	209.5	54.0	432.9	225.8	73.2	1.0023	86,336	24.0	60.0
17	228.3	44.6	420.0	223.0	72.2	1.0014	33,216	9.9	56.2
18	374.8	35.1	420.0	230.0	71.3	1.0012	177,856	16.2	✓183.5
19	378.2	53.6	616.5	241.4	76.9	1.0027	251,776	24.0	174.8
20	372.8	33.4	270.0	250.0	77.5	1.0080	42,112	23.9	29.3
21	371.2	50.3	261.4	194.9	78.7	1.0065	104,640	19.2	91.0
22	370.8	45.2	425.1	196.6	80.5	1.0101	128,960	24.0	89.6
23	✓451.8	42.0	270.0	270.0	81.8	1.0050	83,776	22.2	62.8
24	301.7	45.0	472.7	233.8	80.7	1.0051	124,352	24.0	86.4
25	241.8	44.8	442.5	225.6	78.7	1.0057	99,968	24.0	69.4
26	232.5	43.4	464.9	236.2	79.1	1.0106	100,736	24.0	70.0
27	231.2	38.3	258.1	225.2	81.2	1.0120	15,296	23.9	10.7
28	230.6	39.0	276.1	190.1	80.9	1.0054	42,944	24.0	29.8
29	330.7	44.4	215.6	215.0	81.5	1.0067	102,592	20.4	83.7
30	334.3	44.8	495.4	225.7	78.8	1.0056	151,744	24.0	105.4
MAX	AVG	MIN	MIN	AVG	AVG	AVG	TOTAL	TOTAL	AVG
451.8	47.6	215.6	190.1	74.4	1.0052		2,659,456	667.4	68.6

Min dP: Daily simultaneous minimum annulus and injection pressure differentials

	Gallons
Monthly	2,659,456
Year to date	5,891,968
Lifetime	893,266,648

Cathay Deepwell Disposal LLC
4901 Evans Avenue
Valparaiso, IN 46383

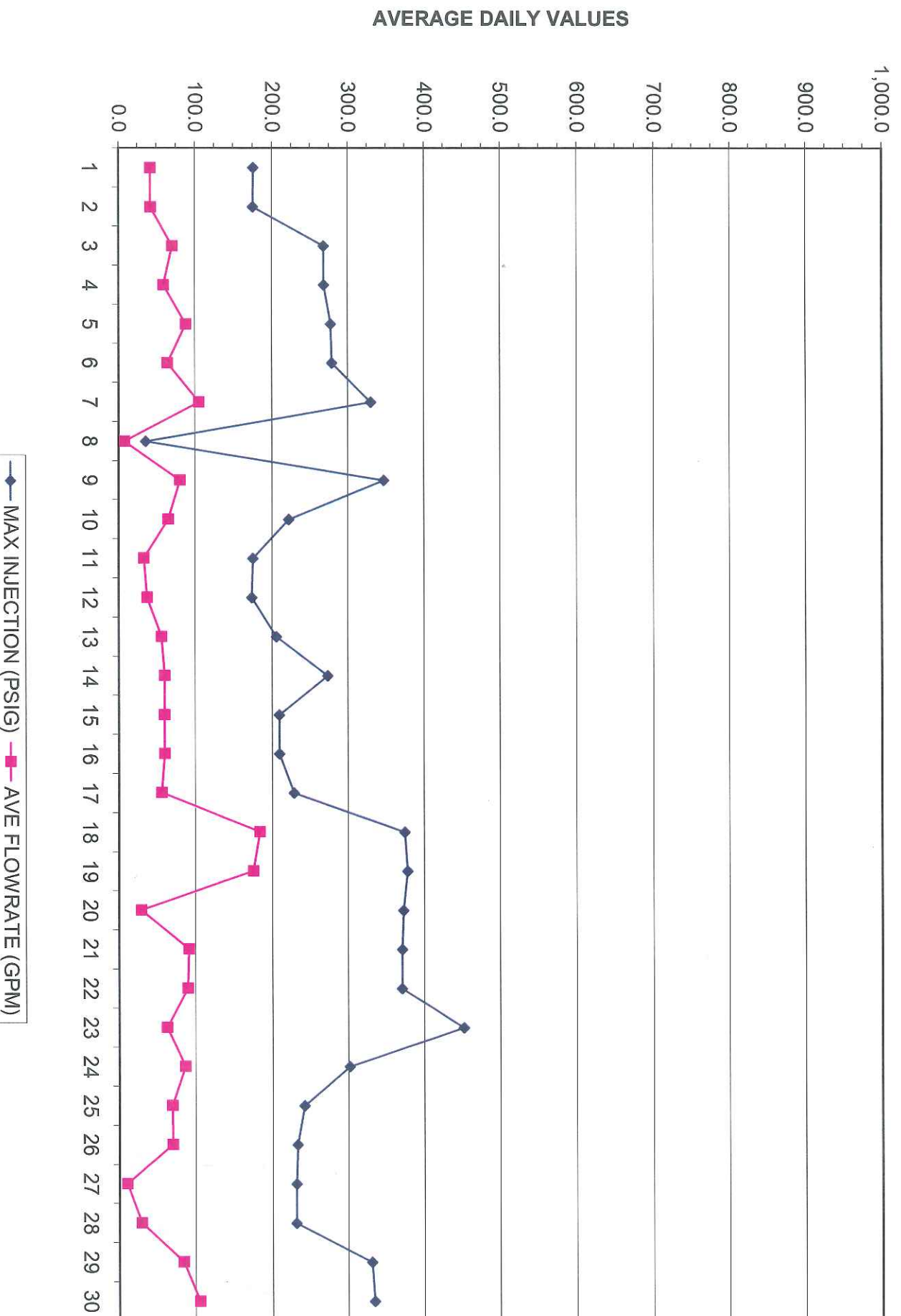
Permit No. IN127-11-C008
Outfall/ Fac. No. 001
Month/Year Mar-09

Day	Maximum Inject PSIG	Annulus Fluid Level	Minimum Annulus PSIG	Min dP	Injectate Temp Avg.	Spec. Gravity	Total Gallons	Run Hours	GPM AVG
1	183.4	28.5	407.4	225.2	65.5	1.0051	11,520	24.0	8.0
2	182.9	28.3	404.0	225.3	62.2	1.0067	11,264	24.0	7.8
3	277.0	27.5	417.7	224.9	62.1	1.0076	14,464	24.0	10.0
4	276.9	27.5	439.0	233.6	63.4	1.0060	12,928	24.0	9.0
5	297.6	45.1	465.6	225.4	67.8	1.0041	16,000	24.0	11.1
6	299.1	45.2	463.8	250.2	72.6	1.0038	12,992	24.0	9.0
7	339.1	45.3	218.6	207.5	73.1	1.0031	6,272	6.3	16.7
8	42.8	47.1	266.6	225.0	73.3	0.9998	4,416	24.0	3.1
9	355.8	44.9	246.3	216.8	73.0	1.0014	16,896	23.4	12.0
10	233.1	45.8	447.9	237.7	73.8	1.0061	14,272	24.0	9.9
11	196.4	46.2	428.2	251.4	77.5	1.0066	10,176	24.0	7.1
12	174.0	46.4	225.4	231.4	74.6	1.0058	3,008	7.4	6.8
13	0.0	48.0	221.2	225.0	73.7	1.0051	0	0.0	0.0
14	0.0	48.0	227.6	232.8	72.9	1.0047	0	0.0	0.0
15	0.0	48.0	227.9	226.0	73.5	1.0025	0	0.0	0.0
16	0.0	47.6	227.8	225.1	73.2	1.0023	0	0.0	0.0
17	0.0	47.3	236.8	241.2	72.2	1.0014	0	0.0	0.0
18	0.0	40.2	219.1	225.0	71.3	1.0012	0	0.0	0.0
19	0.0	40.2	218.9	225.0	76.9	1.0027	0	0.0	0.0
20	0.0	38.6	218.9	225.0	77.5	1.0080	0	0.0	0.0
21	0.0	37.1	218.9	225.0	78.7	1.0065	0	0.0	0.0
22	0.0	35.5	218.9	225.0	80.5	1.0101	0	0.0	0.0
23	0.0	34.2	219.0	225.0	81.8	1.0050	0	0.0	0.0
24	0.0	33.1	219.2	225.0	80.7	1.0051	0	0.0	0.0
25	0.0	32.3	219.2	225.0	78.7	1.0057	0	0.0	0.0
26	0.0	31.3	219.2	225.0	79.1	1.0106	0	0.0	0.0
27	0.0	30.4	219.1	225.0	81.2	1.0120	0	0.0	0.0
28	0.0	29.4	219.2	225.0	80.9	1.0054	0	0.0	0.0
29	0.0	28.6	219.1	225.0	81.5	1.0067	0	0.0	0.0
30	0.0	27.8	219.1	225.0	78.8	1.0056	0	0.0	0.0
MAX	355.8	AVG	MIN	MIN	AVG	AVG	TOTAL	TOTAL	AVG
	355.8	38.5	218.6	207.5	74.4	1.0052	134,208	253.1	3.7

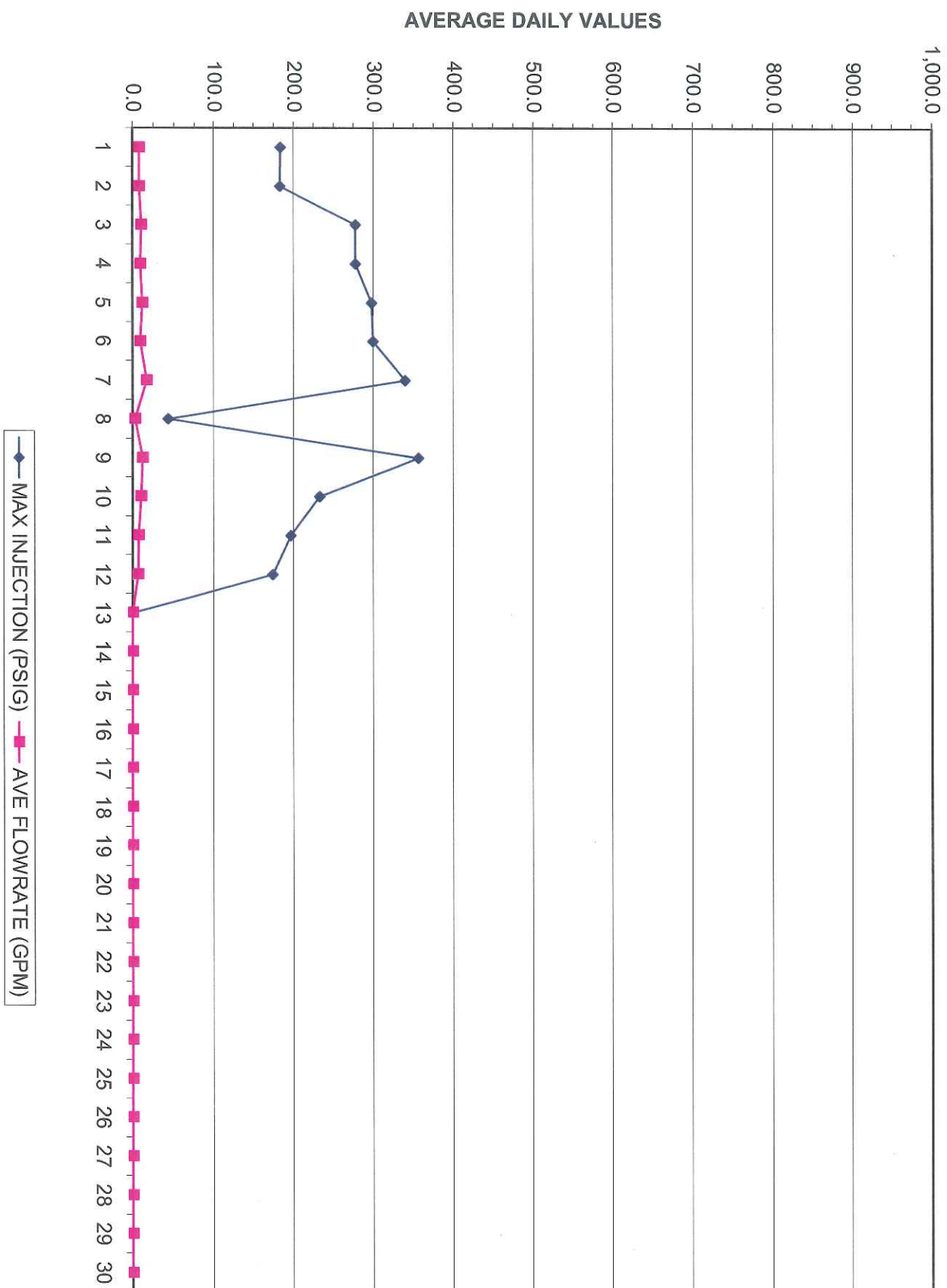
Min dP: Daily simultaneous minimum annulus and injection pressure differentials

	Gallons
Monthly	134,208
Year to date	926,528
Lifetime	800,303,918

CATHAY DEEPWELL DISPOSAL LLC, WELL C007, MARCH 09



CATHAY DEEPWELL DISPOSAL LLC, WELL C008, MARCH 09



ANNULUS TANK FLUID LEVEL

Tank Capacity for WELL C007 - 800 GAL

Tank Capacity for WELL C008 - 250 GAL

